

10/537898

## EAST Search History

JCL

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S52	250	359/849.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/11 21:21
S53	222	359/846,847,290,819,871.ccls. and @pd>="20070610"	US-PGPUB; USPAT	OR	ON	2008/01/11 21:20
S54	185289	(expan\$4 or contract\$4) with (material or Pzt or pmn)	US-PGPUB; USPAT	OR	ON	2008/01/11 21:21
S55	31	S54 and S53	US-PGPUB; USPAT	OR	ON	2008/01/11 21:21
S56	44	359/846.ccls. and @pd>="20061023"	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S57	1217724	reflect\$3 or deflect\$3	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S58	226053	(deform\$3 or chang\$3 or alter\$3) near5 material	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S59	185289	(expan\$4 or contract\$4) with (material or Pzt or pmn)	US-PGPUB; USPAT	OR	ON	2008/01/11 21:31
S60	450747	(passive or inactive or mov\$4 or unresist\$3) near4 (layer or substrate or surface or section)	US-PGPUB; USPAT	OR	ON	2008/01/11 21:33
S61	145403	S60 and S57	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S62	16416	S61 and S58	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S63	3127	S62 and S54	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S64	29467	(linear or one-dimensional or "one dimensional") near5 actuator	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S65	141	S63 and S64	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S66	45	359/846.ccls. and @pd>="20061018"	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S67	33	"4733945"	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S68	1	("4733945").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/11 21:24
S69	190	359/290.ccls. and @pd>="20061023"	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S70	163	359/819.ccls. and @pd>="20061023"	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S71	82	359/871.ccls. and @pd>="20061023"	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24

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S72	14	"6236490"	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S73	9	359/847.ccls. and @pd>="20061018"	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S74	609	(deform\$4 near3 mirror) same (holder or support)	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S75	308	S74 and flex\$4	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S76	0	("(deform\$4near3mirror)same(hol derorsupport)").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/11 21:24
S77	670	((deform\$4 chang\$3 alter\$3 modif\$3) adj2 (material)) same expan\$4	FPRS; EPO; JPO; DERWENT	OR	ON	2008/01/11 21:24
S78	3375	deform\$4 adj2 (mirror "reflect\$3 surface")	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S79	272	(reflect\$3 or deflect\$3) same ((passive resistless unresisting) adj2 (substrate layer surface))	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S80	1	S79 and S78	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S81	39	(reflect\$3 or deflect\$3) same ((passive resistless unresisting) adj2 (substrate layer surface)). clm.	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S82	6222	linear near2 actuator.clm.	US-PGPUB; USPAT	OR	ON	2008/01/11 21:29
S83	7367	linear near2 actuator	FPRS; EPO; JPO; DERWENT	OR	ON	2008/01/11 21:24
S84	839	deform\$4 adj2 (mirror "reflect\$3 surface")	FPRS; EPO; JPO; DERWENT	OR	ON	2008/01/11 21:24
S85	839	deform\$4 adj2 mirror	FPRS; EPO; JPO; DERWENT	OR	ON	2008/01/11 21:24
S86	839	S85 and S84	FPRS; EPO; JPO; DERWENT	OR	ON	2008/01/11 21:24
S87	7	S83 and S86	FPRS; EPO; JPO; DERWENT	OR	ON	2008/01/11 21:24
S88	1	((deform\$4 chang\$3 alter\$3 modif\$3) adj2 (material)) same ("transverse expansion").clm.	US-PGPUB; USPAT	OR	ON	2008/01/11 21:29

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S89	453	((deform\$4 chang\$3 alter\$3 modif\$3) adj2 (material)) same expan\$4.clm.	US-PGPUB; USPAT	OR	ON	2008/01/11 21:29
S90	1	S89 and S88	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S91	672	deform\$4 adj2 (mirror "reflect\$3 surface").clm.	US-PGPUB; USPAT	OR	ON	2008/01/11 21:29
S92	3000	deform\$4 adj mirror	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S93	3000	S92 and S78	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S94	5145	((deform\$4 chang\$3 alter\$3 modif\$3) adj2 (material)) same expan\$4	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S95	7	S85 and S83	FPRS; EPO; JPO; DERWENT	OR	ON	2008/01/11 21:24
S96	10	S78 and S94	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S97	39	(reflect\$3 or deflect\$3) same ((passive resistless unresisting) adj2 (substrate layer surface)).clm.	US-PGPUB; USPAT	OR	ON	2008/01/11 21:32
S98	0	((deform\$4 chang\$3 alter\$3 modif\$3) adj2 (material)) same ("transverse expansion")	FPRS; EPO; JPO; DERWENT	OR	ON	2008/01/11 21:24
S99	24193	linear near2 actuator	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S10 0	5	((deform\$4 chang\$3 alter\$3 modif\$3) adj2 (material)) same ("transverse expansion")	US-PGPUB; USPAT	OR	ON	2008/01/11 21:30
S10 1	9	S82 and S91	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S10 2	1	S92 and S79	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S10 3	7	S84 and S83	FPRS; EPO; JPO; DERWENT	OR	ON	2008/01/11 21:24
S10 4	123	S78 and S99	US-PGPUB; USPAT	OR	ON	2008/01/11 21:24
S10 5	54	(reflect\$3 or deflect\$3) same ((passive resistless unresisting) adj2 (substrate layer surface))	FPRS; EPO; JPO; DERWENT	OR	ON	2008/01/11 21:24
S10 6	1	((deform\$4 chang\$3 alter\$3 modif\$3) adj2 (material)) same ("transverse expansion").clm.	US-PGPUB; USPAT	OR	ON	2008/01/11 21:30

## EAST Search History

S10 7	453	((deform\$4 chang\$3 alter\$3 modif\$3) adj2 (material)) same expan\$4.clm.	US-PGPUB; USPAT	OR	ON	2008/01/11 21:30
S10 8	1	((deform\$4 chang\$3 alter\$3 modif\$3) adj2 (material)) same ("transverse expansion").clm.	US-PGPUB; USPAT	OR	ON	2008/01/11 21:30
S10 9	672	deform\$4 adj2 (mirror "reflect\$3 surface").clm.	US-PGPUB; USPAT	OR	ON	2008/01/11 21:30
S11 0	6222	linear near2 actuator.clm.	US-PGPUB; USPAT	OR	ON	2008/01/11 21:30
S11 3	32661	(expan\$4 or contract\$4) with (material or Pzt or pmn).clm.	US-PGPUB; USPAT	OR	ON	2008/01/11 21:32
S11 5	39	(reflect\$3 or deflect\$3) same ((passive resistless unresisting) adj2 (substrate layer surface)). clm.	US-PGPUB; USPAT	OR	ON	2008/01/11 21:32
S11 6	35776	(expan\$4 or contract\$4) same (material or Pzt or pmn).clm.	US-PGPUB; USPAT	OR	ON	2008/01/11 21:32
S11 9	128837	(passive or inactive or mov\$4 or unresist\$3) near4 (layer or substrate or surface or section). clm.	US-PGPUB; USPAT	OR	ON	2008/01/11 21:33
S12 0	1441	S119 and S116	US-PGPUB; USPAT	OR	ON	2008/01/11 21:34
S12 1	1330	S113 and S120	US-PGPUB; USPAT	OR	ON	2008/01/11 21:34
S12 2	1	S109 and S121	US-PGPUB; USPAT	OR	ON	2008/01/11 21:34